

In the Abstract:

A fastener driving tool comprising[[:] a tool nose through which a fastener is fired[[;]] and a loading [[means]] apparatus for introducing the fastener into the tool nose. The fastener is ~~adapted to be~~ propelled by a gas combustion mechanism comprising a first priming cylinder [(A)] having a first piston [(24)] and an air intake [(31)] fluidally connected via a first valve ~~means (32)~~ apparatus to a second delivery cylinder [(B)] having a second piston [(51)]. The first priming cylinder ~~is~~ fluidally connected to a fuel gas reservoir [(3)] via a second valve ~~means (26)~~ apparatus. ~~[, the]~~ The first priming cylinder ~~adapted to receive~~ receives fuel from the reservoir and air through the air intake ~~thereby forming to form~~ an air/fuel gas mixture therein. The first piston ~~adapted to compress~~ compresses the air/fuel gas mixture and ~~transfer~~ transfers the air/fuel gas mixture ~~[[same]]~~ to the second ~~deliver~~ delivery cylinder via ~~[[said]]~~ the first valve ~~[[means]]~~ apparatus. ~~[, the]~~ The air/fuel mixture ~~is~~ ignited therein and ~~thereby urging urges~~ urges ~~[[said]]~~ the second piston towards the fastener and ~~propelling same propels~~ propels the fastener away from the tool nose.